MMHCC
the Mouse Models
of Human Cancers Consortium

MMHCC Newsletter May 2009

MouseLine

KOMP Repository
By Kent Lloyd

The Knockout Mouse Project (KOMP) is now well on its way to generating a comprehensive and public resource comprised of mouse embryonic stem (ES) cells containing null and conditional-ready mutations in every gene in the mouse genome. Sponsored by nineteen institutes of the NIH, the KOMP Program is generating this superb collection in the C57BL/6N genetic background. As of today, more than 9315 ES cell clones representing 1696 unique target genes have been released for distribution, including targeted ES cells with mutations in Rnf6 (esophageal cancer), Mllt10 (AML), Dirc2 (renal carcinoma), Opcm1 (ovarian-breast cancer), Armet (pancreatic cancer), Prcc (renal cell papillary carcinoma). ES cell clones, vectors, germplasm and mice can all be obtained by going to the KOMP Repository. There you can also see what's coming to the repository in the near future, what is being targeted by the KOMP production teams, even access to vector designs and genes in the pipeline! Check it out…go to http://www.komp.org and browse our catalog (now with new advanced search capabilities), search our database for your favorite gene, create a user account so you can register interest in a gene target and we'll notify you when it's ready, or nominate a gene for the KOMP Production Teams to target. For customer support, send an email to service@komp.org, or call us at 1-888-KOMP-MICE.

Links:
KOMP Project on NIH Website: http://www.nih.gov/science/models/mouse/knockout/
KOMP Repository: http://www.komp.org
Browse KOMP Catalog: http://www.komp.org/catalog.php
Search KOMP Database: http://www.komp.org/advancedSearch.php
Create KOMP User Account: http://www.komp.org/register.php
Nominate Gene: http://www.informatics.jax.org/mgihome/KOMP/nominationForm.shtml

Meetings

May 27 – 29, 2009
CHI's – Biomarker World Congress
Philadelphia, Pennsylvania
Meeting Information: http://www.biomarkerworldcongress.com/

June 1 – 3, 2009
CHI's–Protein Kinase Targets: Discovery and Design for Success
Cambridge, Massachusetts
Meeting Information: http://www.healthtech.com/KIN

June 8 – 10, 2009
CHI's-Genomic Tools & Technologies & RNA Interference Summit
San Francisco, California
Meeting Information: http://www.healthtech.com/gta/gtl

June 11 – 13, 2009
Colony Management: Principles and Practices, at Emory University
Atlanta, Georgia
Meeting Information: http://courses.jax.org/2009/colony_emory.html

June 17 – 19, 2009
AACR-Accelerating Anticancer Agent Development and Validation Workshop
North Bethesda, Maryland
Meeting Information: http://www.acceleratingworkshop.org/

June 20 – 26, 2009
AACR-Methods in Clinical Cancer Research (Europe)
Flims, Switzerland
Meeting Information: http://www.ecco-org.eu/Education/ECCO-Education/Flims/FLIMS-10/page.aspx/414

June 21 – 26, 2009
AACR-Cancer Research Imaging Camp
St. Louis, Missouri
Meeting Information: http://imaging.cancer.gov/NewsAndMeetings/workshops/CRIC

June 21 – 26, 2009
Comprehensive Approaches to the *in vivo* Assessment of Cardiovascular Function in Mice
Bar Harbor, ME
Meeting Information: http://courses.jax.org/2009/cardio-09.html

Notices and Funding Opportunities

To receive up-to-date information on ARRA (American Recovery and Reinvestment Funding) opportunities, visit:
http://grants.nih.gov/recovery/ and http://www.nih.gov/recovery/

SCAW IACUC-Advanced Workshop: June 15, 2009 in Research Triangle Park, NC
NOT-OD-09-081
National Institutes of Health
http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-081.html

IACUC 101 and 201 PLUS Workshops: June 24-25, 2009 in Niagara Falls, NY
NOT-OD-09-089
National Institutes of Health
http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-089.html

Etiology, Prevention, and Treatment of Hepatocellular Carcinoma (P01)
PAR-09-147
National Cancer Institute
http://grants.nih.gov/grants/guide/pa-files/PAR-09-147.html

In vivo Cellular and Molecular Imaging Centers (ICMICs) (P50)
PAR-09-157
National Cancer Institute
http://grants.nih.gov/grants/guide/pa-files/PAR-09-157.html

Exploratory/Developmental Grants Program for Basic Cancer Research in Cancer Health Disparities (R21)
PAR-09-160
National Cancer Institute
http://grants.nih.gov/grants/guide/pa-files/PAR-09-160.html

Basic Cancer Research in Cancer Health Disparities (U01)
PAR-09-161
National Cancer Institute
http://grants.nih.gov/grants/guide/pa-files/PAR-09-161.html

To unsubscribe from this newsletter please send an email to Dr. Betty Tarnowski
tarnowsb@mail.nih.gov   Send meeting announcements and other information you would like to
have included in this newsletter to Ulli Wagner: ulrike@mail.nih.gov

2009 caBIG® Annual Conference

The 2009 Annual caBIG® Conference will convene on July 20 – 22, 2009 at the Marriott Wardman Park Hotel in Washington, D.C. The conference is titled "Solving Basic and Clinical Research Challenges in Cancer and Beyond."

Attendees will hear how caBIG® is accelerating biomedical research through interoperable tools, infrastructure, standards, and policies that enable data-sharing and collaborations that transcend institutional, geographical, and disciplinary boundaries.

The meeting will feature:

- Case studies and best practices in clinical trials management, *in vivo* imaging, molecular analysis, tissue banking and pathology, and data-sharing and security
- Tips on implementing, adapting, and customizing caBIG® tools and infrastructure
- Presentations on caBIG®-enabled translational research projects in cancer and beyond
- Opportunities for future collaborations and partnerships

Multiple tracks of presentations will cover a variety of topics in basic, clinical and translational research. Separate tracks of technical presentations discuss the implementation of caBIG® tools and adaptation of existing tools to become caBIG® -compatible.

Please visit the website for detailed information and to register for this exciting meeting:
https://cabig.nci.nih.gov/2009AnnualMeeting

What's new in caMOD

The following models have been approved for public display since March 1, 2009.
Visit http://cancermodels.nci.nih.gov to learn more about these new models.

Model UID	Model Descriptor	Species
50060072	Electrochemotherapy treatment of feline squamous cell carcinoma	Cat
50060979	Use of a liposomal cisplatin analogue in feline oral squamous cell carcinoma.	Cat
50058683	Phase I study of melphalan alone and melphalan plus whole body hyperthermia in dogs with malignant melanoma	Dog
50060581	Effect of timing of postoperative chemotherapy on survival of dogs with osteosarcoma	Dog
50060625	Results of surgery and doxorubicin chemotherapy in dogs with osteosarcoma	Dog
50060669	Response of canine osteosarcoma to treatment by amputation versus amputation and adjuvant chemotherapy using doxorubicin and cisplatin	Dog

50060870	L-MTP-PE and cisplatin treatment of canine osteosarcoma	Dog
50060921	Localized thermo-cisplatin therapy in dogs	Dog
50061032	Paclitaxel (Taxol) treatment of canine malignant tumors	Dog
50061083	Toxicity, dosage, and efficacy of vinorelbine (Navelbine) in dogs with spontaneous neoplasia	Dog
50060892	Thermal ablation of the goat mammary gland as a model for post-lumpectomy treatment of breast cancer	Goat
50060944	Cisplatin-containing biodegradable beads in equine cutaneous neoplasia	Horse
50061004	Intratumoral cisplatin in sesame oil emulsion in equine cutaneous tumors	Horse